Complete and send this form, together with applicable fee(s), to: Mail

JUL 2 1 2005

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This way should be used transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further consequence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected between the patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fees withfrations. maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

06/21/2005

Edward K. Runyan McDonnell Boehnen Hulbert & Berghoff 32nd Floor 300 S. Wacker Drive Chicago, IL 60606

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

	Tricia	Μ.	Paluck		(Depositor's name)
	10-	14 1	Mule		(Signature
	July 1	8,	2005		(Date)
OR		A.	TTORNEY DOCKET NO.	CONFIR	MATION NO

APPLICATION NO. FILING DATE FIRST NAMED INVENT 10/058,626 01/28/2002 Brian T. Cunningham 00-1123-H 4870

TITLE OF INVENTION: OPTICAL DETECTION OF LABEL-FREE BIOMOLECULAR INTERACTIONS USING MICROREPLICATED PLASTIC SENSOR **ELEMENTS** 

APPLN, TYPE	SMALL ENTITY	ISSUE FI	EE.	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional YES		\$0		\$0	\$0	09/21/2005
EXA	MINER	ART UN	IT	CLASS-SUBCLASS	]	
CHIN, CHRISTOPHER L 164		1641		435-004000	J	
CFR 1.363).  Change of correspon Address form PTO/SB/1  "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.	dence address (or Change of 22) attached.  ation (or "Fee Address" Indica or more recent) attached. Use  D RESIDENCE DATA TO B s an assignee is identified be	Correspondence tion form of a Customer	(1) the na or agents (2) the na registered 2 registered listed, no	nting on the patent front page, limes of up to 3 registered paten OR, alternatively, me of a single firm (having as a attorney or agent) and the named patent attorneys or agents. If name will be printed.  T (print or type)  pear on the patent. If an assign for filing an assignment.	t attorneys  1 McDon  1 member a es of up to no name is  3	ert & Berghoff I
(A) NAME OF ASSIGN	stems, Inc.	(B)	RESIDENO Wobur	CE: (CITY and STATE OR COU n, MA 01801  Description of Individual Research	JNTRY)	
4a. The following fee(s) are	enclosed:	4b.	. Payment of	Fec(s):		-
☐ Issue Fee			A check	in the amount of the fee(s) is en-	closed.	
D Publication Fee (No:	small entity discount permitte	d)	☐ Payment	by credit card. Form PTO-2038	is attached.	
	f Copies		The Dire	ector is hereby authorized by chount Number 13-2490	narge the required fee(s), or (enclose an extra of	credit any overpayment, to
a. Applicant claims S	s (from status indicated above MALL ENTITY status. See	) 37 CFR 1.27.	b. Applic	cant is no longer claiming SMAI	LL ENTITY status. See 37 C	FR 1.27(g)(2).
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the rec	is requested to apply the Issu Publication Fee (if required) words of the United States Pate	e Fee and Publicativill not be accepted and Trademark	ion Fee (if ar from anyone Office.	ny) or to re-apply any previously e other than the applicant; a regin	y paid issue fee to the applications y paid issue fee to the application or agent; or the stered attorney or agent; or agent; or agent; or agent attorney or	ation identified above. he assignee or other party in
Authorized Signature Typed or printed name _	GISM LISA M	W. HIL	uman.	Date	7/18/05	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.





۴

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

06/21/2005

Edward K. Runyan McDonnell Boehnen Hulbert & Berghoff 32nd Floor 300 S. Wacker Drive Chicago, IL 60606

**EXAMINER** CHIN, CHRISTOPHER L

PAPER NUMBER

ART UNIT 1641

DATE MAILED: 06/21/2005

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/058.626	01/28/2002	Brian T. Cunningham	00-1123-H	4870

TITLE OF INVENTION: OPTICAL DETECTION OF LABEL-FREE BIOMOLECULAR INTERACTIONS USING MICROREPLICATED PLASTIC SENSOR **ELEMENTS** 

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$0	\$0	\$0	09/21/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

## HOW TO REPLY TO THIS NOTICE:

DOCKETED JUN 2 7 2005

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

DUE DATE A. Pay TOTAL FEE(S) DUE shown above; or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - \Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.